

Case 3190***Chlorops meigenii* Loew, 1866 (Insecta, Diptera): proposed conservation of the specific name**

Emilia P. Nartshuk

Zoological Institute, Russian Academy of Sciences, St Petersburg 199034, Russia (e-mail: chlorops@zin.ru)

Abstract. The purpose of this application is to conserve the name of the Palaearctic grassfly *Chlorops meigenii* Loew, 1866 (family CHLOROPIDAE). This is a junior primary homonym of *C. meigenii* Fallén, 1823, but Fallén's name has been treated as a junior synonym of *Cerodontha denticornis* (Panzer, 1806; AGROMYZIDAE) since 1830 and the case is referred under Article 23.9.5 of the Code.

Keywords. Nomenclature; taxonomy; Diptera; CHLOROPIDAE; *Chlorops*; *Chlorops meigenii*; grassflies; Palaearctic.

1. *Chlorops meigenii* was described by Loew (1866, p. 43), and the name has since been used in many papers for a rather common and widely distributed Palaearctic species of grassfly belonging to the genus *Chlorops* Meigen, 1803 (family CHLOROPIDAE). Some selected references are Duda (1932–33, p. 185), Zuska (1960, p. 395), Nartshuk, Smirnov & Fedoseeva (1970, p. 437), Smirnov & Fedoseeva (1976, p. 1672), Dély-Draskovits (1978, p. 30), Beschovski (1980, p. 21) and Kanmiya (1983, p. 314).

2. Tschirnhaus (1989, p. 296) noted that *Chlorops meigenii* Loew, 1866 is a junior primary homonym of *C. meigenii* Fallén, 1823 (p. 9). *C. meigenii* Fallén is a member of the AGROMYZIDAE, and ever since Meigen (1830, p. 175) has been treated as a junior synonym of *Cerodontha denticornis* (Panzer, 1806, tab. 22).

3. Because of its primary homonymy with *C. meigenii* Fallén the name *C. meigenii* Loew was permanently invalid under the provisions of the 3rd edition (1985) of the Code, and accordingly Tschirnhaus (1989) introduced its subjective synonym *Chlorops rufescens* Oldenberg, 1923 (p. 313; originally described as a variety of *C. nasutus* (Schrank, 1781)) as a substitute name. However, *C. rufescens* Oldenberg is itself a junior primary homonym (of *C. rufescens* Coquillett, 1910, a widely distributed Nearctic species) and so cannot be used as valid. No other synonyms of *C. meigenii* Loew are known.

4. *C. meigenii* Loew, 1866 and *C. meigenii* Fallén, 1823 have not been considered as congeneric since the early 19th-century and, as mentioned in para. 2 above, Fallén's name has not been used as valid since 1830. Under Article 23.9.5 of the current Code the case should be referred to the Commission and usage of *C. meigenii* Loew is to be maintained.

5. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to rule that the specific name of *Chlorops meigenii* Loew, 1866 is not invalid by reason of being a junior primary homonym of *Chlorops meigenii* Fallén, 1823;
- (2) to place on the Official List of Specific Names in Zoology the name *meigenii* Loew, 1866, as published in the binomen *Chlorops meigenii* (not invalid by the ruling in (1) above).

Acknowledgement

I would like to thank Dr I.M. Kerzhner for his help with preparing this application.

References

- Beschovski, V. 1980. Faunistic and taxonomic investigation on the genus *Chlorops* Meigen, 1803 (Diptera, Chloropidae) from Bulgaria, with description of a new subgenus. *Nouvelle Revue d'Entomologie*, **8**(46): 397–402.
- Dély-Draskovits, Á. 1978. Beiträge zur Kenntnis der europäischen Arten der Gattung *Chlorops* Meigen, 1803 (Diptera, Chloropidae). *Acta Zoologica Academiae Scientiarum Hungaricae*, **24**: 27–49.
- Duda, O. 1932–1933. Chloropidae. Pp. 1–248 in Lindner, E. (Ed.), *Die Fliegen der palaearktischen Region*, vol. 6, part 1.
- Fallén, C.F. 1823. Phytomyzides et Ochtidae. iv, 10 pp., 24 pls. in: *Diptera Sveciae . . .*, vol. 2. Lund.
- Kanmiya, K. 1933. A systematic study of the Japanese Chloropidae (Diptera). *Memoirs of the Entomological Society of Washington*, **11**: 1–370.
- Loew, H. 1866. Über die bisher in Schlesien aufgefundenen Arten der Gattung *Chlorops* Macq. *Zeitschrift für Entomologie* (Breslau), **20**: 3–96.
- Meigen, J.W. 1830. *Systematische Beschreibung der bekannten europäischen zweiflügeligen Insekten*. 401 pp. Humm.
- Nartshuk, E.P., Smirnov, E.S. & Fedoseeva, L.I. 1970. Family Chloropidae. Pp. 399–439 in Bey-Bienko, G.Y. (Ed.), *Opredelitel nasekomykh evropeiskoi chasti SSSR*, vol. 5(2). Nauka, Leningrad. [English translation, 1998. Pp. 667–731 in Bey-Bienko, G.Y. & Steyskal, G.C. (Eds.), *Key to the insects of the European part of the USSR*, vol. 5(2). Smithsonian Institution Library, Washington.]
- Oldenberg, L. 1923. Neue Acalypraten (Dipt.) meiner Ausbeute. *Deutsche Entomologische Zeitschrift*, **1923**: 307–319.
- Panzer, G.W.F. 1806. *Faunae Insectorum Germanicae . . .*, Heft 104. Nürnberg.
- Smirnov, E.S. & Fedoseeva, L.I. 1976. Grassflies of the genus *Chlorops* (Diptera, Chloropidae) in the fauna of the USSR. A key. *Zoologicheskoy Zhurnal*, **55**(11): 1659–1676. [In Russian, with German summary.]
- Tschirnhaus, M. von. 1989. P. 296 in Franz, H., *Die Nordost-Alpen im Spiegel ihrer Landtierwelt*. IV/2. Diptera Cyclorrhapha. Innsbruck.
- Zuska, J. 1960. Bemerkungen über einige paläarktische Arten der Gattung *Chlorops* Meigen und Beschreibung einer neuen Art aus der Tschechoslowakei (Diptera, Chloropidae). *Acta Societatis Entomologicae Cechosloveniae*, **57**(4): 387–396.

Comments on this case are invited for publication (subject to editing) in the *Bulletin*; they should be sent to the Executive Secretary, I.C.Z.N., c/o The Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk).